

Umetco Minerals Corporation



PO BOX 579 4625 ROYAL AVENUE • NIAGARA FALLS NEW YORK 14302

October 24, 1985

Mr. Allen Jones
NDL Organization, Inc.
P.O. Box 791
Peekskill, NY 10566

Subject: Radioactive Materials

Dear Mr. Jones:

Further to our phone conversation of October 22, 1985 this letter will describe the radioactive material we wish to dispose of:

1. Thorium Compounds

- 1a Thorium Nitrate - approximately 1 lb in a 400 ml bottle
- 1b Thorium Nitrate - approximately 1 lb in a 500 ml bottle
- 1c Thorium Oxide - approximately 1/2 lb in a 400 ml bottle
- 1d Thorium Chloride - approximately 1 lb in a 400 ml bottle
- 1e Four (4) thoria crucibles, 3-1/2" x 1-3/4" OD

2 Alphasatron Gauge (5" x 1-1/4" OD) containing less than 500 micrograms of radium. Radioactivity measures 50 m rem/hr at 10 cm from open nipple. Manufactured by National Research Corporation

3. Unknown quantity of radium contained in a lead envelope (3" x 4" x 1/4") and wrapped in brown paper. Radioactivity measures 3.5 m rem/hr at 10 cm from surface of lead envelope. This increases to 20 m rem/hr at the surface.

Since I talked to you, I looked more closely at the unknown radium source. Probing the package made us suspect it was encapsulated in lead which was confirmed. We do not have the proper facilities to probe further. I suspect that this development will make it even more difficult to find a home for this source.

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I am enclosing a filled out "Radioactive Waste Generator Questionnaire".

I have not signed the "Letter of Agreement and Certification". Our management objects to signing a document with open ended liability. If you have the capability we would prefer that you send somebody to Niagara Falls to do the packaging and arrange for transportation (at our expense) and to take title at our site.

I appreciate the help you have provided to date and hope that you will be able to advise me on our next step.

Very truly yours,



Donald J. Hansen
Assistant Director - Technology


/mau/294h
Enclosure

cc: Messrs:
D. G. Millenbruch
T. J. Kagetsu
L. G. Evans

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Radioactive Waste Generator Questionnaire

1. Generating Facility: Umetco Minerals Corporation
2. Generating Facility Address: 4625 Royal Avenue
3. City: Niagara Falls County: Niagara
State: New York Zip: 14302
4. Radiation Safety Officer (Temporary)
for Facility shown in (2) above: A. H. Malik
Telephone: Normal hours (716) 879-2526
After hours ()
5. Person responsible for radioactive
waste packaging(if different than (4)): D. J. Hansen
Telephone: Normal hours (716) 278-3573
After hours (716) 754-7906
6. Has Facility in (2) above ever had
a burial site use permit or South
Carolina Radioactive Waste Transport Permit? ☒ Yes ☐ No
7. If Yes, please list permit number(s):
South Carolina ; valid? ☒ Yes ☐ No
Beatty, Nevada ; valid? ☐ Yes ☐ No
Richland, Washington ; valid? ☐ Yes ☐ No
8. Please list EPA Generator ID Number for
Facility shown in (2) above, if one has been
assigned:
9. Briefly describe your use of radioactive material:
Instrumentation, Chemicals
10. YOUR RADIOACTIVE MATERIALS LICENSE NUMBER: 210-0090

NDL Customer No. 

Signature: 
D. J. Hansen - Assistant Director - Technology

Typed Name & Title

Date: 10/24/85